



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending July 17, 2011

## HIGH TEMPS PERSIST ACROSS TENNESSEE

Above normal temperatures and variable precipitation headlined the state’s weather last week. Scattered showers were reported in areas across the state; however, there were reports of crops showing signs of heat stress in some areas. Soybean growers were busy this week making post emergence and fungicide applications. Other field activities last week included topping tobacco and harvesting a second cutting of hay. Corn, cotton, soybeans, and tobacco were rated in mostly good-to-excellent condition. Pastures were rated in mostly fair-to-good condition.

There were 6 days suitable for fieldwork across the state. Topsoil moisture levels were rated 1 percent very short, 22 percent short, 73 percent adequate and 4 percent surplus. Subsoil moisture levels were rated 2 percent very short, 17 percent short, 78 percent adequate and 3 percent surplus. Temperatures averaged above normal over all of Tennessee last week. Precipitation averaged above normal in East Tennessee and below normal in West Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2010	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Silking	85	69	95	91	Corn	0	2	16	53	29
Corn – Dough	25	6	49	29	Cotton	0	1	18	65	16
Cotton – Squaring	86	70	93	94	Pastures	1	7	26	53	13
Cotton – Setting Bolls	24	7	39	38	Soybeans	0	1	16	63	20
Soybeans – Emerged	98	94	100	99	Tobacco	0	3	18	61	18
Soybeans – Blooming	42	28	62	57						
Soybeans – Setting Pods	13	4	32	28						
Tobacco – Topped	16	6	17	16						

### County Agent Comments

*“Farmers in Fayette County were able to spray pesticides for weeds and insects, apply PGR, and bale hay. We had a dry week until Thursday and then mid-afternoon received some showers.”*

**Jeffery D. Via, Fayette County**

*“Scattered showers are helping to keep the crops maintained, but a good soaking rain would be very beneficial to all crops. Corn is in the critical pollination stage and is holding quite well in spite of high temperatures.”*

**Jeff Lannom, Weakley County**

*“As of this week, scattered thunderstorms have not provided enough moisture to benefit existing pastures and crops. Signs of stress are showing with the loss of soil moisture and rising temperatures.”*

**David Cook, Davidson County**

*“Crops continue to get timely moisture. Some producers had to delay the first herbicide application to soybeans due to wet fields.”*

**Kevin Rose, Giles County**

*“Our rain has been spotty. We are still holding good, but need a general rain.”*

**Larry Moorehead, Moore County**

*“Crops and pastures are beginning to need significant amount of rain. There is some disease pressure in tobacco and some producers have started topping. Soybeans were planted late and some are still very small.”*

**Ruth Correll, Wilson County**

*“Farmers were busy this week spraying beans with post herbicide applications and some fungicide applications. An outbreak of yellow striped armyworms was treated in one field. The corn crop continues to progress with timely rain. Soybeans continue to put on lush growth with moisture. Second cutting of hay picked up this past week and should increase this coming week with lesser rain chances in the forecast. Pastures continue to keep up with grazing.”*

**Ed Burns, Franklin County**

*“It was another week where it seemed to be raining somewhere all week long and has crops looking great. Farmers are busy trying to spray crops and pastures, as well as, cut a second cutting of hay”*

**J. Dale Beaty, Warren County**

*“Second cutting hay harvest has started in between rains. Its good we are getting the rains or we might not have a second cutting of hay.”*

**Mike Heiskell, Claiborne County**

TEMPERATURES AND PRECIPITATION  
 For week ending: July 17, 2011 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 17, 2011				Current Week 7/17/11	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	100	68	84	5	0.12	1	35.76	5.35	23.24	6.60
Brownsville_TN	100	73	85	5	0.73	1	42.00	11.58	29.42	12.80
Covington	99	72	83	4	0.00	0	38.58	8.45	26.89	10.44
Dyersburg	100	73	85	5	0.09	1	34.68	5.97	21.51	5.62
Huntingdon_Wate	98	71	84	6	0.40	2	41.02	10.92	26.71	10.37
Jackson_Exp_Stn	99	72	85	7	0.03	1	39.83	9.46	27.99	10.90
Lexington_TN	98	72	84	5	0.34	2	34.72	5.48	23.19	7.14
Martin	100	72	84	6	0.22	2	43.14	12.95	26.69	9.74
Memphis_AG	102	73	86	5	0.03	1	37.93	8.33	26.31	10.20
Milan	98	71	84	7	0.65	2	43.21	12.18	29.26	11.85
Paris	96	70	83	6	0.16	1	44.10	14.75	28.11	12.27
Savannah_6SW	98	69	84	5	1.15	3	39.03	5.86	24.49	6.78
Selmer	99	71	84	7	0.52	1	37.57	4.69	25.24	7.60
Union_City	97	71	83	5	0.22	2	40.90	11.23	25.73	9.24
Middle										
Clarksville_Sew	99	69	82	5	1.97	5	43.56	14.95	29.15	14.19
Cookeville	94	67	79	4	3.10	3	44.89	12.70	28.42	11.26
Crossville_AP	91	68	78	5	2.38	5	38.20	6.33	23.55	6.70
Dickson_AG	95	68	81	3	0.00	0	36.62	5.74	21.45	4.58
Dover_1W	97	70	83	6	0.48	2	46.17	16.37	29.58	13.68
Fayetteville_TN	95	66	81	5	1.14	4	38.14	6.84	21.46	5.44
Jamestown	92	66	77	4	2.90	3	44.39	13.42	26.74	9.61
Kingston_Spring	98	69	84	7	0.23	2	32.24	2.81	19.15	3.69
Lawrenceburg_Fl	97	70	83	7	0.28	2	34.18	2.10	20.30	4.04
Lewisburg	99	65	81	5	0.65	1	37.30	5.64	22.04	4.96
Linden	97	71	83	7	0.96	2	37.63	5.55	24.79	7.70
Livingston_WLIV	96	67	79	4	1.83	5	43.45	13.72	24.36	8.15
Murfreesboro_5N	98	68	83	6	0.28	1	34.96	4.82	20.98	4.62
Nashville_Metro	100	70	85	6	0.00	0	31.27	4.03	18.82	3.82
Oneida	91	64	76	4	2.81	4	47.12	16.04	28.29	11.08
Portland_TN	97	71	82	6	1.26	2	39.64	9.91	23.60	7.17
Pulaski_Water_P	94	67	81	3	0.95	2	41.70	10.07	26.91	10.67
Shelbyville	96	68	82	5	2.04	3	40.30	8.78	23.93	7.29
Sparta_TN	96	67	80	5	2.21	3	41.72	10.38	26.04	9.27
Springfield	98	70	83	6	0.29	2	35.87	7.30	21.60	5.90
Springhill	101	68	83	6	0.45	3	30.02	-1.72	17.66	0.53
Tulahoma	94	70	81	4	1.44	4	36.87	4.09	22.84	6.03
East										
Chattanooga/Lov	99	69	83	5	2.33	2	35.88	5.26	17.49	2.60
Cleveland_6NNE	94	68	80	4	1.37	4	31.06	-0.54	16.63	0.59
Dayton	94	68	81	4	2.28	2	35.91	3.96	19.21	3.28
Erwin_1W	93	62	76	5	2.30	3	30.38	2.40	18.87	2.40
Gatlinburg_2SW	93	63	76	4	3.01	6	37.57	5.55	23.12	5.04
Greeneville	93	62	77	2	0.46	4	26.80	2.28	16.18	2.35
Kingston_AG	95	68	80	5	2.80	5	36.13	2.86	19.68	2.49
Knoxville_AP	97	68	81	5	1.22	3	29.70	1.90	15.74	1.26
Newcomb	93	66	78	6	2.79	4	38.54	7.46	24.03	6.82
Norris_4NE	91	65	77	2	2.56	4	36.43	6.33	19.88	3.67
Tri-City_RGNL_A	95	63	77	4	0.29	3	27.18	3.70	14.43	1.32

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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